

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L2	359	("AWG" or (array\$3 with wave\$guide\$1 with grating\$1)) and (flat with spectr\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/02/06 16:07

L3	68	(US-20010010739-\$ or US-20020001433-\$ or US-20020015554-\$ or US-20020044742-\$ or US-20020057865-\$ or US-20020071155-\$ or US-20020122650-\$ or US-20020159703-\$ or US-20020176665-\$ or US-20020181832-\$ or US-20020191887-\$ or US-20030026519-\$ or US-20030063858-\$ or US-20030081898-\$ or US-20030103722-\$ or US-20030133655-\$ or US-20030156789-\$ or US-20040028105-\$ or US-20040047560-\$ or US-20040101243-\$ or US-20040131313-\$ or US-20040136647-\$ or US-20040151432-\$ or US-20040161186-\$ or US-20040213520-\$ or US-20040252938-\$).did. or (US-20050047722-\$).did. or (US-4768850-\$ or US-5136671-\$ or US-5412744-\$ or US-5425116-\$ or US-5467418-\$ or US-5596661-\$ or US-5706377-\$ or US-5745612-\$ or US-5751872-\$ or US-5841919-\$ or US-5881199-\$ or US-5912750-\$ or US-6163637-\$ or US-6188818-\$ or US-6205273-\$ or US-6212315-\$ or US-6236781-\$ or US-6266464-\$ or US-6289147-\$ or US-6332055-\$ or US-6507680-\$ or US-6556746-\$ or US-6563988-\$ or US-6574396-\$ or US-6580862-\$ or US-6597841-\$).did. or (US-6606433-\$ or US-6671433-\$ or US-6674929-\$ or US-6711313-\$ or US-6728442-\$ or US-6728446-\$ or US-6768842-\$ or US-6788848-\$ or US-6798952-\$ or US-6807372-\$ or US-6839477-\$ or US-6853773-\$ or US-6907160-\$ or US-6920261-\$).did. or (WO-3005086-\$).did.	US-PGPUB; USPAT; EPO	OR	ON	2006/02/06 16:36
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L4	65	L3 and length	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/06 16:37
L5	64	L3 and (output same length)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/06 16:37
S1	15	("AWG" or (array\$3 with wave\$guide\$1 with grating\$1)) same ((slab\$1 with wave\$guide\$1) or (free with propagation with region\$1)) same ((directional or 3\$dB) with coupler\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/12 09:01
S2	36	("AWG" or (array\$3 with wave\$guide\$1 with grating\$1)) same ((slab\$1 with wave\$guide\$1) or (free with propagation with region\$1)) same ((directional or 3\$dB or "MMI" or (multi\$mode or (multi with mode) with interference) with coupler\$1))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/07/20 13:43
S3	2	("2002/0001433").URPN.	USPAT	OR	OFF	2005/01/12 09:02
S4	2	("2002/0057865").URPN.	USPAT	OR	OFF	2005/01/12 09:03
S5	1	("2002/0122650").URPN.	USPAT	OR	OFF	2005/01/12 09:03
S6	0	("2002/0176665").URPN.	USPAT	OR	OFF	2005/01/12 09:03
S7	0	("2002/0181832").URPN.	USPAT	OR	OFF	2005/01/12 09:04
S8	5	("5410622" "5499309" "5966478" "6311004" "6327407").PN. OR ("6507680").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/01/12 09:04
S9	0	("2003/0063858").URPN.	USPAT	OR	OFF	2005/01/12 09:04
S10	0	("2003/0103722").URPN.	USPAT	OR	OFF	2005/01/12 09:04
S11	2	("6137939" "6501896").PN. OR ("6580862").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/01/12 09:05

S12	29	("20020186928" "4618210" "4747654" "4813757" "4846542" "5002350" "5013113" "5039993" "5243672" "5412744" "5450511" "5467418" "5488500" "5542010" "5581643" "5706377" "5841931" "5938811" "5991477" "6021242" "6108478" "6118909" "6256428" "6272270" "6337937" "6486984" "6542666" "6546167" "6549328").PN. OR ("6674929"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/01/12 09:05
S13	0	("2004/0028105").URPN.	USPAT	OR	OFF	2005/01/12 09:08
S14	2	("5412744" "6195482").PN. OR ("6728442").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/01/12 09:08
S15	1	("2004/0101243").URPN.	USPAT	OR	OFF	2005/01/12 09:09
S16	0	("2004/0131313").URPN.	USPAT	OR	OFF	2005/01/12 09:09
S17	7	("6169838" "6222956" "6515776" "6526203" "6549688" "6563988" "6625187").PN. OR ("6768842"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/01/12 09:09
S18	0	("2004/0161186").URPN.	USPAT	OR	OFF	2005/01/12 09:11
S19	18	("20030081898" "4756587" "5136671" "5467418" "5488680" "5623571" "5706377" "5745616" "5745618" "5841919" "5881199" "5982960" "5999290" "6069990" "6205273" "6222963" "6229943" "6363188").PN. OR ("6798952").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/01/12 09:11

S20	21	(US-20020001433-\$ or US-20020057865-\$ or US-20020122650-\$ or US-20020176665-\$ or US-20020181832-\$ or US-20030063858-\$ or US-20030103722-\$ or US-20040028105-\$ or US-20040101243-\$ or US-20040131313-\$ or US-20040161186-\$).did. or (US-6507680-\$ or US-6580862-\$ or US-6674929-\$ or US-6728442-\$ or US-6768842-\$ or US-6798952-\$ or US-6563988-\$ or US-6839477-\$ or US-5881199-\$ or US-6205273-\$).did.	US-PGPUB; USPAT	OR	OFF	2005/01/12 09:14
S21	4	S20 not (S2 or S1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/12 09:14
S22	27	("5881199").URPN.	USPAT	OR	OFF	2005/01/12 09:14
S23	10	("5617234" "5760941" "5809184" "5867290" "5881199" "6212315" "6304380" "6332055" "6351581" "6597841").PN. OR ("6807372").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/01/12 09:15
S24	7	("6205273").URPN.	USPAT	OR	OFF	2005/01/12 09:16
S25	15	("4737002" "5002350" "5136671" "5243672" "5357589" "5881199" "5953467" "5982960").PN. OR ("6205273").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/01/12 09:17
S26	19	("20020015559" "20020057865" "5002350" "5136671" "5179605" "5412744" "5629992" "5629999" "5680236" "5889906" "6047096" "6069990" "6141152" "6195481" "6195482" "6233375").PN. OR ("6563988").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/01/12 09:17
S27	10	("20040101243" "20040109643" "5412744" "5706377" "5926298" "6058233" "6069990" "6188818" "6289147" "6563988").PN. OR ("6839477").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/01/12 09:18

S28	22	(US-20020001433-\$ or US-20020057865-\$ or US-20020122650-\$ or US-20020176665-\$ or US-20020181832-\$ or US-20030063858-\$ or US-20030103722-\$ or US-20040028105-\$ or US-20040101243-\$ or US-20040131313-\$ or US-20040161186-\$).did. or (US-6507680-\$ or US-6580862-\$ or US-6674929-\$ or US-6728442-\$ or US-6768842-\$ or US-6798952-\$ or US-6563988-\$ or US-6839477-\$ or US-5881199-\$ or US-6205273-\$ or US-6807372-\$).did.	US-PGPUB; USPAT	OR	OFF	2005/01/12 10:43
S29	22	S28 and (wave\$guide\$1 with (spacing or space or distance\$1 or length\$1))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/12 10:45
S30	8	S28 and (flat with spectr\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/12 10:45
S31	21	S2 not S1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/12 10:51
S32	21	("AWG" or (array\$3 with wave\$guide\$1 with grating\$1)) same ((slab\$1 with wave\$guide\$1) or (free with propagation with region\$1)) same ("MMI" or (multi\$mode or (multi with mode) with interference) with coupler\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/12 11:27
S33	47	((slab\$1 with wave\$guide\$1) or (free with propagation with region\$1)) same ("MMI" or (multi\$mode or (multi with mode) with interference) with coupler\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/12 11:27

S34	26	S33 not S32	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/12 11:27
S35	40	("AWG" or (array\$3 with wave\$guide\$1 with grating\$1)) and (((slab\$1 with wave\$guide\$1) or (free with propagation with region\$1)) same ("MMI" or (multi\$mode or (multi with mode) with interference) with coupler\$1))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/12 11:28
S36	19	S35 not S32	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/12 11:28
S37	1767	("AWG" or (array\$3 with wave\$guide\$1 with grating\$1)) and ((wave\$guide\$1 with (spacing or space or distance\$1 or length\$1)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/12 16:18
S38	555	("AWG" or (array\$3 with wave\$guide\$1 with grating\$1)) and ((wave\$guide\$1 with (spacing or space or distance\$1 or length\$1)) same ((slab\$1 with wave\$guide\$1) or (free with propagation with region\$1)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/12 11:38
S39	110	("AWG" or (array\$3 with wave\$guide\$1 with grating\$1)) and ((wave\$guide\$1 with (spacing)) same ((slab\$1 with wave\$guide\$1) or (free with propagation with region\$1)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/12 11:41
S40	8	("AWG" or (array\$3 with wave\$guide\$1 with grating\$1)) and ((wave\$guide\$1 with (spacing)) same (flat with spectr\$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/12 11:39
S41	47	("AWG" or (array\$3 with wave\$guide\$1 with grating\$1)) and ((wave\$guide\$1 with (spacing)) same ((slab\$1 with wave\$guide\$1) or (free with propagation with region\$1))) and (flat with spectr\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/13 13:34

S42	47	("AWG" or (array\$3 with wave\$guide\$1 with grating\$1)) and ((wave\$guide\$1 with (spacing)) same ((slab\$1 with wave\$guide\$1) or (free with propagation with region\$1))) and (flat with spectr\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/12 15:02
S43	0	("2004/0151432").URPN.	USPAT	OR	OFF	2005/01/12 15:15
S44	1	("6671433").PN.	US-PGPUB; USPAT	OR	OFF	2005/01/12 15:15
S45	8	("AWG" or (array\$3 with wave\$guide\$1 with grating\$1)) and ((wave\$guide\$1 with spacing) same (flat with spectr\$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/02/06 16:07
S46	16	("AWG" or (array\$3 with wave\$guide\$1 with grating\$1)) and ((wave\$guide\$1 with (spacing or space or distance\$1)) same (flat with spectr\$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/12 15:39
S47	8	S46 not S45	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/12 15:25
S48	11	("AWG" or (array\$3 with wave\$guide\$1 with grating\$1)) and ((wave\$guide\$1 with length\$1) same (flat with spectr\$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/12 15:49
S49	3	((("5982960") or ("5841919") or ("6339664")).PN.	US-PGPUB; USPAT	OR	OFF	2005/01/12 15:49
S50	0	("AWG" or (array\$3 with wave\$guide\$1 with grating\$1)) and ((wave\$guide\$1 with spacing) same primary and secondary)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/12 16:16
S51	3	("AWG" or (array\$3 with wave\$guide\$1 with grating\$1)) and ((wave\$guide\$1 with spacing) same (primary or secondary))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/12 16:16

S52	94	(integer\$1 same (center with wavelength\$1) same (refractive with index))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/12 16:19
S53	12	("AWG" or (array\$3 with wave\$guide\$1 with grating\$1)) and (integer\$1 same (center with wavelength\$1) same (refractive with index))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/12 16:20
S54	5	("AWG" or (array\$3 with wave\$guide\$1 with grating\$1)) and ((wave\$guide\$1 with spacing with channel\$1) same (flat with spectr\$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/13 13:35
S55	433	(directional with interference with coupler)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/04/06 08:22
S56	173	(optical with directional with interference with coupler)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/04/06 08:23
S57	31	("AWG" or (array\$3 with wave\$guide\$1 with grating\$1)) and (optical with directional with interference with coupler)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/04/06 11:16
S58	31	S57 and (optical with directional with interference with coupler)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/04/06 08:27
S59	56	("AWG" or (array\$3 with wave\$guide\$1 with grating\$1)) and (star with directional with coupler)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/04/06 08:55
S60	1	("6711313").PN.	US-PGPUB; USPAT	OR	OFF	2005/04/06 08:38
S61	0	("2001/0010739").URPN.	USPAT	OR	ON	2005/04/06 08:38

S62	3	("5414548" "6049640" "6249620").PN. OR ("6711313").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/04/06 08:45
S63	3	((("6760529") or ("6836604") or ("6860642")).PN.	US-PGPUB; USPAT	OR	OFF	2005/04/06 08:45
S64	179	("AWG" or (array\$3 with wave\$guide\$1 with grating\$1)) and ((slab or star) with waveguide) and (directional with coupler)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/04/06 11:57
S65	4	("5881199" "5970201").PN. OR ("6332055").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/04/06 09:11
S66	1	("2002/0191887").URPN.	USPAT	OR	ON	2005/04/06 09:17
S67	60	("4021097" "4136929" "4259016" "4301543" "4302071" "4307933" "4315666" "4378539" "4392712" "4431260" "4479701" "4493528" "4536058" "4556279" "4560234" "4564262" "4601541" "4688882" "4721352" "4723827" "4778237" "4784453" "4828350" "4842358" "4869567" "4896932" "4900118" "4986624" "4991922" "5029961" "5042896" "5100219" "5329607" "5444723" "5533155" "5586205" "5623567" "5651085" "5729641" "5781675" "5809188" "5841926" "5854864" "5892857" "5900983" "5903685" "5915063" "5940556" "5963291" "5966493" "5970201" "6011881" "6026205" "6038359" "6052220" "6058226" "6130984" "6134360" "6144793" "6185358").PN. OR ("6556746").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/04/06 09:21
S68	0	("2003/0103722").URPN.	USPAT	OR	ON	2005/04/06 09:26
S69	32	S67 and (directional adj coupler)	USPAT	OR	ON	2005/04/06 09:27
S70	1	("6798952").PN.	US-PGPUB; USPAT	OR	OFF	2005/04/06 09:27

S71	18	("20030081898" "4756587" "5136671" "5467418" "5488680" "5623571" "5706377" "5745616" "5745618" "5841919" "5881199" "5982960" "5999290" "6069990" "6205273" "6222963" "6229943" "6363188").PN. OR ("6798952").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/04/06 09:28
S72	0	("2003/0133655").URPN.	USPAT	OR	ON	2005/04/06 09:33
S73	1	("6597841").PN.	US-PGPUB; USPAT	OR	OFF	2005/04/06 09:34
S74	13	("5002350" "5412744" "5488500" "5600742" "5617234" "6055078" "6266464" "6271949" "6272270" "6501896").PN. OR ("6597841").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/04/06 09:34
S75	0	("2004/0136647").URPN.	USPAT	OR	ON	2005/04/06 09:54
S76	0	("2005/0047722").URPN.	USPAT	OR	ON	2005/04/06 09:57
S77	115	("AWG" or (array\$3 with wave\$guide\$1 with grating\$1)) and ((multi\$mode or (multi adj mode)) with coupler) and ((waveguide or channel) with spacing)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/04/06 11:17
S78	90	("AWG" or (array\$3 with wave\$guide\$1 with grating\$1)) and ((multi\$mode or (multi adj mode)) with interference with coupler) and ((waveguide or channel) with spacing)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/04/06 11:17
S79	19	("4773063" "5002350" "5412744" "5488680" "5629992" "5706377" "5745612" "5748811" "5889906" "5926298" "5962298" "6181849").PN. OR ("6289147").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/04/06 11:24
S80	0	("2004/0047560").URPN.	USPAT	OR	ON	2005/04/06 11:42
S81	32	("AWG" or (array\$3 with wave\$guide\$1 with grating\$1)) and ((slab or star) with waveguide) and (directional with coupler) and (flat\$4 with (shape or response))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/04/06 11:58

S82	198	(optical with filter\$3) and (waveguide same ((length with difference) or (different with length\$1))) and (flat\$4 with (response or spectr\$3 or shape))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/10 13:59
S83	183	S82 and (demultiplex\$4 or multiplex\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/20 13:42
S84	142	S83 and ("AWG" or (array\$3 with wave\$guide\$1 with grating\$1))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/07/20 13:43
S85	0	("2004/0213520").URPN.	USPAT	OR	ON	2005/07/20 14:56
S86	1	("6212315").PN.	US-PGPUB; USPAT	OR	OFF	2005/07/20 14:58
S87	1	("6597842").PN.	US-PGPUB; USPAT	OR	OFF	2005/07/20 14:58
S88	0	("2005/0047722").URPN.	USPAT	OR	ON	2005/07/20 15:05
S89	6	("5953467" "6023544" "6212315" "6493487" "6597842" "6690846").PN. OR ("6907160").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/07/20 15:06
S90	4604	(optical with filter\$3) and (flat\$4 with (response or spectr\$3 or shape))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/10 13:58
S91	254	((optical with filter\$3) or ("AWG" or (arrayed with waveguide with grating))) and (waveguide same ((length with difference) or (different with length\$1))) and (flat\$4 with (response or spectr\$3 or shape))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/10 13:59
S92	14	("5136571" "5212758" "5243672" "5339157" "5367586" "5617234").PN. OR ("5751872").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/10 14:09

S93	35	("4618210" "4747654" "4798437" "4813757" "4846542" "4900112" "5002350" "5013113" "5039993" "5136671" "5243672" "5412744" "5450511" "5467418" "5473719" "5559906" "5581643" "5706377" "5745618" "5751872" "5841931" "5862279" "5938811" "6091864" "6094513" "6108478" "6118909" "6167168" "6175671" "6222957" "6272270" "6374001" "6377723" "6418249" "6449084").PN. OR ("6853773"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/10 14:16
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S94	67	(US-20010010739-\$ or US-20020001433-\$ or US-20020015554-\$ or US-20020044742-\$ or US-20020057865-\$ or US-20020071155-\$ or US-20020122650-\$ or US-20020159703-\$ or US-20020176665-\$ or US-20020181832-\$ or US-20020191887-\$ or US-20030026519-\$ or US-20030063858-\$ or US-20030081898-\$ or US-20030103722-\$ or US-20030133655-\$ or US-20030156789-\$ or US-20040028105-\$ or US-20040047560-\$ or US-20040101243-\$ or US-20040131313-\$ or US-20040136647-\$ or US-20040151432-\$ or US-20040161186-\$ or US-20040213520-\$ or US-20040252938-\$).did. or (US-20050047722-\$).did. or (US-5136671-\$ or US-5412744-\$ or US-5467418-\$ or US-5706377-\$ or US-5745612-\$ or US-5841919-\$ or US-5881199-\$ or US-6163637-\$ or US-6188818-\$ or US-6205273-\$ or US-6212315-\$ or US-6236781-\$ or US-6266464-\$ or US-6289147-\$ or US-6332055-\$ or US-6507680-\$ or US-6556746-\$ or US-6563988-\$ or US-6574396-\$ or US-6580862-\$ or US-6597841-\$ or US-6606433-\$ or US-6671433-\$ or US-6674929-\$ or US-6711313-\$ or US-6728442-\$).did. or (US-6728446-\$ or US-6768842-\$ or US-6788848-\$ or US-6798952-\$ or US-6807372-\$ or US-6839477-\$ or US-6907160-\$ or US-6920261-\$ or US-5425116-\$ or US-5596661-\$ or US-5751872-\$ or US-6853773-\$ or US-5912750-\$).did. or (WO-3005086-\$).did.	US-PGPUB; USPAT; EPO	OR	ON	2005/11/10 14:42
S95	12	S94 and (flat with spectral with response)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/10 14:44

S96	12	S94 and (flat with spectral with response) and length	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/10 14:56
S97	162	("AWG" or (arrayed near2 waveguide near2 grating)) and ((directional adj coupl\$3) same grating)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/10 14:58
S98	15	("AWG" or (arrayed near2 waveguide near2 grating)) and ((directional adj coupl\$3) same grating) and (flat with spectral)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/10 15:14
S99	0	("2005/0047722").URPN.	USPAT	OR	ON	2005/11/10 15:00
S10 0	1	2005-221451.NRAN.	DERWENT	OR	ON	2005/11/10 15:00
S10 1	162	("AWG" or (arrayed near2 waveguide near2 grating)) and ((directional adj coupl\$3) same grating)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/10 15:02
S10 2	147	(filter same (directional near2 coupl\$3)) and length and (flat\$4 with (response or spectr\$3 or shape))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/10 15:15
S10 3	40	(filter same (directional near2 coupl\$3)) and (length near2 differen\$3) and (flat\$4 with (response or spectr\$3 or shape))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/10 15:22
S10 4	223	(filter same (directional near2 coupl\$3)) and (flat\$4 with (response or spectr\$3 or shape))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/10 15:21
S10 5	62	(filter same (directional near2 coupl\$3)) and ((waveguide or fiber) near2 differen\$3) and (flat\$4 with (response or spectr\$3 or shape))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/10 15:22

S10 6	93	(filter same (directional near2 coupl\$3)) and ((waveguide or fiber) with differen\$3) and (flat\$4 with (response or spectr\$3 or shape))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/10 15:22
S10 7	14	("5136571" "5212758" "5243672" "5339157" "5367586" "5617234").PN. OR ("5751872").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/10 15:28